

UNIVERSITY OF ILLINOIS
DEPARTMENT OF BACTERIOLOGY
362 NOYES LABORATORY OF CHEMISTRY
URBANA

June 1, 1956

Dr. Joshua Lederberg
Department of Genetics
The University of Wisconsin
Madison 6, Wisconsin

Dear Josh:

Under separate cover I am sending a copy of the strain KM. We keep it on medium in which lactose is the sole carbon source. This prevents it from reverting to a lactose-negative, lysozyme-resistant strain. Essentially, we employ McQuillen's medium. We make protoplasts in .5M succinate, pH 7.7 with 200 γ lysozyme per ml. The experiment you suggest, we are preparing to do in the near future. The problem of getting suitably marked strains has slowed us down in that direction. However, we have had plenty of other things to keep us busy. I should like to hear sometimes how you make your coli protoplasts.

I conveyed your kind thanks to Lu and to Gunny who both send their kind regards.

Sincerely yours,



S. Spiegelman
Professor of Bacteriology

SS:jb